



04-0507.

11W 1744

**PATENT**

**Attorney Docket No.: 38187-2784**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

Inventor(s): Freeman )

Application No.: 10/541,124 )

Filed: 03/31/2006 )

Title: Method and Apparatus Using Optical Techniques )  
to Measure Analyte Levels )

Art Unit: 1744

Examiner: Unassigned

**INFORMATION DISCLOSURE STATEMENT**

**UNDER 37 C.F.R. §1.97**

Mail Stop: AMENDMENTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed below on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, along with a concise explanation of information in a foreign language, if any, except for pending U.S. applications is attached or is identified as having been previously cited in **U.S. Patent Application No.: 10/220,828 filed: 06/12/2002**, pursuant to 37 C.F.R. §1.97-1.98.

1.98(d) A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)  
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage  
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits  
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

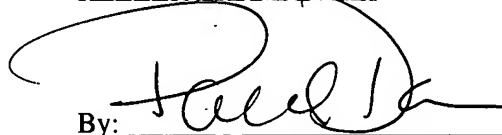
- ☐ a certification as specified in §1.97(e) is provided below; or
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith;  
and
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

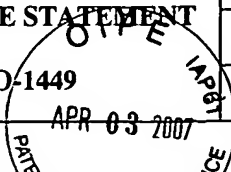
☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No.: 38187-2784).

Respectfully submitted,  
HELLER EHRMAN LLP

By:   
Paul Davis, Reg. No. 29,294

Dated: April 3, 2007

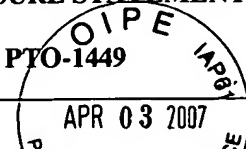
HELLER EHRMAN LLP  
275 Middlefield Road  
Menlo Park, CA 94025-3506  
Telephone: 1.650.324.7000  
Facsimile: 1.650.324.0638  
Customer No.: 25213

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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b><br> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br><b>10/541,124</b> |
|   | <b>APPLICANT:</b> Freeman                    |  |
|   | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744                     |
| <b>U.S. PATENT DOCUMENTS</b>  |  |  |

| EXAMINER'S INITIALS | PATENT NO.      | DATE        | NAME            | CLASS | SUBCLASS | FILING DATE |
|---------------------|-----------------|-------------|-----------------|-------|----------|-------------|
|                     | RE 36,991       | Dec 19 2000 | Yamamoto, T     | 204   | 403      | Aug 13 1999 |
|                     | US 2001/0017269 | Aug 30 2001 | Heller, A       | 205   | 777.5    | Mar 23 2001 |
|                     | US 2002/0025469 | Feb 28 2002 | Heller, A       | 429   | 43       | Sep 24 2001 |
|                     | US 2002/0042090 | Apr 11 2002 | Heller, A       | 435   | 14       | Nov 29 2001 |
|                     | US 2002/0044890 | Apr 18 2002 | Black MM        | 422   | 56       | Jul 20 2000 |
|                     | US 2002/0053523 | May 9 2002  | Liamos, C       | 205   | 787      | Dec 28 2001 |
|                     | US 2002/0057993 | May 16 2002 | Maisey GA       | 422   | 82.01    | Aug 30 200  |
|                     | US 2002/0076349 | Jun 20 2002 | Aitken, J       | 422   | 58       | Jul 20 2000 |
|                     | US 2002/0081588 | Jun 27 2002 | Lumley-Woodyear | 435   | 6        | Dec 21 2000 |
|                     | US 2002/0084196 | Jul 2 2002  | Liamos, C       | 205   | 792      | Dec 28 2001 |
|                     | US 2002/0092612 | Jul 18 2002 | Davies, O       | 156   | 292      | Feb 22 2002 |
|                     | US 2002/0130042 | Sep 19 2002 | Moerman, P      | 204   | 403.01   | Mar 2 2000  |
|                     | US 2002/0136667 | Sep 26 2002 | Subramanian, K  | 422   | 100      | Mar 26 2001 |
|                     | US 2002/0136863 | Sep 26 2002 | Subramanian, K  | 428   | 156      | Mar 26 2001 |
|                     | US 2002/0136863 | Sep 26 2002 | Orloff, E       | 428   | 156      | Mar 26 2001 |
|                     | US 2002/0148739 | Oct 17 2002 | Liamos, C       | 205   | 787      | Dec 28 2001 |
|                     | US 2002/0160520 | Oct 31 2002 | Orloff, E       | 436   | 72       | Mar 13 2002 |
|                     | US 2002/0160520 | Oct 31 2002 | Orloff, E       | 436   | 72       | Mar 13 2002 |
|                     | US 2002/0168290 | Nov 14 2002 | Yuzhakov, V     | 422   | 56       | May 9 2002  |
|                     | US 2002/0176984 | Nov 28 2002 | Smart, W        | 428   | 336      | Mar 26 2001 |
|                     | US 2003/0073089 | Apr 17 2003 | Mauze, G        | 435   | 6        | Oct 16 2001 |
|                     | US 2003/0073229 | Apr 17 2003 | Greenstein, M   | 435   | 287.2    | Oct 16 2001 |
|                     | US 2003/0088191 | 05/08/2003  | Freeman et al.  | 600   | 583      |             |
|                     | US 2003/0089730 | May 15 2003 | May SR          | 221   | 232      | Nov 14 2004 |
|                     | US 2003/0100040 | May 29 2003 | Bonnecaze, R    | 435   | 14       | Nov 11 2002 |
|                     | US 2003/0106810 | Jun 12 2003 | Douglas, J      | 205   | 777.5    | Aug 21 2002 |
|                     | US 2003/0111357 | Jun 19 2003 | Black MM        | 205   | 775      | Dec 13 2001 |
|                     | US 2003/0113827 | Jun 19 2003 | Burkoth, T      | 435   | 14       | Dec 17 2001 |
|                     | US 2003/0116447 | Jun 26 2003 | Sturridge, N    | 205   | 777.5    | Oct 4 2002  |
|                     | US 2003/0143113 | Jul 31 2003 | Yuzhakov, V     | 422   | 56       | May 9 2002  |
|                     | US 2003/0146110 | Aug 7 2003  | Karinka, S      | 205   | 777.5    | Feb 1 2002  |
|                     | US 2003/0201194 | Oct 30 2003 | Heller, A       | 205   | 777.5    | Jun 9 2003  |
|                     | US 2003/0203352 | Oct 30 2003 | Haviland, A     | 435   | 4        | Apr 23 2003 |
|                     | US 2003/0206828 | Nov 6 2003  | Bell, M         | 422   | 44       | May 6 2002  |
|                     | US 2003/0217918 | Nov 27 2003 | Davies O        | 204   | 403.14   | Mar 28 2000 |
|                     | US 2003/0223906 | Dec 4 2003  | McAllister, D   | 422   | 58       | Jun 3 2002  |
|                     | US 2003/0228637 | Dec 11 2003 | Wang, D         | 435   | 7.9      | Oct 24 2002 |

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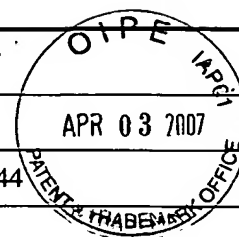
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| EXAMINER'S INITIALS | PATENT NO.      | DATE         | NAME         | CLASS | SUBCLASS | FILING DATE  |
|---------------------|-----------------|--------------|--------------|-------|----------|--------------|
|                     | US 2003/0232370 | Dec 18 2003  | Trifiro, M   | 435   | 6        | Apr 22 2003  |
|                     | US 2003/0233112 | 12/18/2003   | Alden et al. | 606   | 181      |              |
|                     | US 2003/0233113 | 12/18/2003   | Alden et al. | 606   | 182      |              |
|                     | US 2004/0007585 | Jan 15 2004  | Griffith, A  | 221   | 232      | Mar 27 2003  |
|                     | US 2004/0009100 | Jan 15 2004  | Simons, T    | 422   | 102      | Oct 28 2002  |
|                     | US 2004/0026243 | Feb 12 2004  | Davies O     | 204   | 403.14   | Aug 7 2003   |
|                     | US 2004/0031682 | Feb 12 2004  | Wilsey C     | 204   | 403.1    | Nov 16 2001  |
|                     | US 2004/0038045 | Feb 26 2004  | Smart, W     | 428   | 446      | Jun 12, 2003 |
|                     | US 2004/0054898 | Mar 25 2004  | Heller, A    | 205   | 777.5    | Jul 28 2003  |
|                     | US 2004/0060818 | Apr 1 2004   | Feldman, B   | 204   | 403.01   | Sep 12 2003  |
|                     | US 2004/0096991 | May 20 2004  | Zhang, H     | 436   | 518      | Nov 7 2003   |
|                     | US 2004/0115754 | Jun 17 2004  | Chang, C     | 435   | 14       | Dec 11 2002  |
|                     | US 2004/0115831 | Jun 17 2004  | Meathrel W   | 436   | 514      | Apr 19 2001  |
|                     | US 2004/0132167 | July 8 2004  | Rule, P      | 435   | 287.1    | Jan 6 2003   |
|                     | US 2004/0146958 | July 29 2004 | Bae, BW      | 435   | 14       | Oct 10 2001  |
|                     | US 2004/0154932 | Aug 12 2004  | Deng, Y      | 205   | 777.5    | Feb 2 2004   |
|                     | US 2004/0157017 | Aug 12 2004  | Mauze, G     | 428   | 35.7     | Feb 6 2003   |
|                     | US 2004/0157149 | Aug 12 2004  | Hofmann, A   | 430   | 131      | May 9 2001   |
|                     | US 2004/0157319 | Aug 12 2004  | Keen, R.E    | 435   | 287.2    | Feb 2 2004   |
|                     | US 2004/0157338 | Aug 12 2004  | Burke, D     | 436   | 147      | Oct 17 2003  |
|                     | US 2004/0157339 | Aug 12 2004  | Burke, D     | 436   | 149      | Oct 17 2003  |
|                     | US 2004/0161737 | Aug 19 2004  | Yang, DH     | 435   | 5        | Feb 14 2003  |
|                     | US 2004/0171057 | Sep 2 2004   | Yang, DH     | 435   | 6        | Mar 11 2004  |
|                     | US 2004/0173472 | Sep 9 2004   | Jung SK      | 205   | 777.5    | Sep 28 2001  |
|                     | US 2004/0173488 | Sep 9 2004   | Griffin, C.E | 206   | 363      | Nov 7 2003   |
|                     | US 2004/0178066 | Sep 16 2004  | Miyazaki, S  | 204   | 403.01   | Mar 25 2004  |
|                     | US 2004/0178067 | Sep 16 2004  | Miyazaki, S  | 204   | 403.1    | Mar 25 2004  |
|                     | US 2004/0178216 | Sep 16 2004  | Brickwood, D | 221   | 268      | Jan 12 2004  |
|                     | US 2004/0180379 | Sep 16 2004  | van Duyn, RP | 435   | 7.1      | Aug 29 2003  |
|                     | US 2004/0182703 | Sept 23 2004 | Bell, D      | 204   | 403.11   | Apr 25 2002  |
|                     | US 2004/0185568 | Sep 23 2004  | Matsumoto, T | 436   | 8        | Jan 29 2004  |
|                     | US 2004/0197231 | Oct 7 2004   | Katsuki, K   | 422   | 68.1     | June 26 2002 |
|                     | US 2004/0197821 | Oct 7 2004   | Bauer, AJ    | 437   | 7.1      | Apr 4 2003   |
|                     | US 2004/0200720 | Oct 14 2004  | Musho, M     | 204   | 403.01   | May 21 2001  |
|                     | US 2004/0200721 | Oct 14 2004  | Bhullar, R   | 204   | 403.01   | Aug 29 2001  |
|                     | US 2004/0202576 | Oct 14 2004  | Aceti, J     | 422   | 82.05    | Nov 24 2003  |
|                     | US 2004/0206625 | Oct 21 2004  | Bhullar, R   | 204   | 403.1    | May 13 2004  |
|                     | US 2004/0206636 | Oct 22 2004  | Hodges, A    | 205   | 792      | May 12 2004  |

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| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |

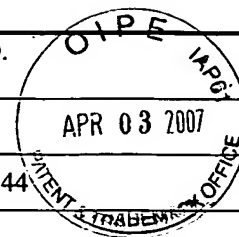


| EXAMINER'S INITIALS | PATENT NO.      | DATE        | NAME           | CLASS | SUBCLASS | FILING DATE   |
|---------------------|-----------------|-------------|----------------|-------|----------|---------------|
|                     | US 2004/0206658 | Oct 21 2004 | Hammerstedt RH | 206   | 524.1    | Jan 31 2000   |
|                     | US 2004/0209307 | Oct 21 2004 | Valkirs, G     | 435   | 7.1      | Sep 26 2003   |
|                     | US 2004/0209350 | Oct 21 2004 | Sakata, T      | 435   | 287.1    | Aug 2 2002    |
|                     | US 2004/0209354 | Oct 21 2004 | Mathies, R     | 435   | 287.2    | Dec 29 2003   |
|                     | US 2004/0211666 | Oct 28 2004 | Pamidi, P      | 204   | 403.01   | May 31 2001   |
|                     | US 2004/0211666 | Oct 28 2004 | Pamidi, P      | 204   | 403.01   | May 31 2001   |
|                     | US 2004/0214253 | Oct 28 2004 | Paek, SH       | 435   | 7.92     | Apr 20 2004   |
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|                     | US 2004/0219535 | Nov 4 2004  | Bell, M        | 435   | 6        | May 1 2003    |
|                     | US 2004/0222092 | Nov 11 2004 | Musho, M       | 204   | 401      | June 9 2004   |
|                     | US 2004/0224369 | Nov 11 2004 | Cai, X         | 435   | 7.7      | April 19 2004 |
|                     | US 2004/0231984 | Nov 25 2004 | Imants Lauks   | 204   | 416      | June 1 2004   |
|                     | US 2004/0232009 | Nov 25 2004 | Okuda, H       | 205   | 789      | Oct 9 2002    |
|                     | US 2004/0238357 | Dec 2 2004  | Bhullar, R     | 204   | 400      | Dec 23 1999   |
|                     | US 2004/0238359 | Dec 2 2004  | Ikeda, S       | 204   | 403.1    | May 27 2004   |
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|                     | US 2004/0241746 | Dec 2 2004  | Adlassnig, A   | 435   | 7.1      | Jul 12 2002   |
|                     | US 2004/0245101 | Dec 9 2004  | Willner, I     | 204   | 403      | Aug 12 2002   |
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|                     | US 2004/0248312 | Dec 9 2004  | Vreeke, M      | 436   | 95       | Jun 6 2003    |
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|                     | US 2004/0253634 | Dec 16 2004 | Wang, D        | 435   | 7.1      | Apr 10 2002   |
|                     | US 2004/0256228 | Feb 23 2004 | Huang, CM      | 204   | 434      | Jun 17 2003   |
|                     | US 2004/0256248 | Dec 23 2004 | Burke, D       | 205   | 792      | Oct 17 2003   |
|                     | US 2004/0256685 | Dec 23 2004 | Chou, JC       | 257   | 414      | Jul 12 2004   |
|                     | US 2004/0258564 | Dec 23 2004 | Charlton, S    | 422   | 58       | Jun 18 2003   |
|                     | US 2005/0000806 | Jan 6 2005  | Hsieh, JW      | 203   | 403.1    | Jul 1 2003    |
|                     | US 2005/0000807 | Jan 6 2005  | Wang, KJ       | 204   | 403.81   | Nov 28 2003   |
|                     | US 2005/0000808 | Jan 6 2005  | Cui, G         | 203   | 403.14   | Feb 12 2004   |
|                     | US 2005/0003470 | Jan 6 2005  | Nelson, C      | 435   | 14       | Jan 10 2003   |
|                     | US 2005/0008537 | Jan 13 2005 | Mosolu, D      | 422   | 56       | Jun 20 2003   |
|                     | US 2005/0008851 | Jan 13 2005 | Ezoe, T        | 428   | 336      | Feb 18 2004   |
|                     | US 2005/0009191 | Jan 13 2005 | Swenson, K     | 436   | 43       | Jul 8 2003    |
|                     | US 2005/0011759 | Jan 20 2005 | Moerman, P     | 204   | 403.03   | Mar 2 2000    |
|                     | US 2005/0013731 | Jan 20 2005 | Burke, D       | 422   | 56       | Jun 20 2003   |
|                     | US 2005/0016844 | Jan 27 2005 | Burke, D       | 204   | 403.1    | Jun 20 2003   |
|                     | US 2005/0019212 | Jan 27 2005 | Bhullar, R     | 422   | 56       | Jun 20 2003   |

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| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |

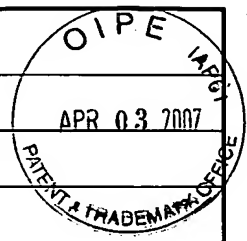


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|                     | US 2005/0019219 | Jan 27 2005   | Oshiman, E     | 422   | 82.12    | Jan 14 2003  |
|                     | US 2005/0019805 | Jan 27 2005   | Groll, H       | 435   | 6        | Jun 20 2003  |
|                     | US 2005/0019945 | Jan 27 2005   | Groll, H       | 436   | 169      | Jun 20 2003  |
|                     | US 2005/0019953 | Jan 27 2005   | Groll, H       | 436   | 514      | Jun 20 2003  |
|                     | US 3953172      | Apr 27 1976   | Shapiro, S     | 23    | 230      | May 10 1974  |
|                     | US 4224125      | Sep 23 1980   | Nakamura, K    | 204   | 195B     | Sep 26 1978  |
|                     | US 4230118      | 10/28/1980    | Holman, et al  | 128   | 314      |              |
|                     | US 4340669      | Jul 20 1982   | Bauer, R       | 435   | 14       | Feb 12 1981  |
|                     | US 4353984      | Oct 12 1982   | Yamada S       | 435   | 14       | Jan 4 1980   |
|                     | US 4391905      | Jul 5 1983    | Bauer, R       | 435   | 14       | Feb 12 1981  |
|                     | US 4391906      | Jul 5 1983    | Bauer, R       | 435   | 14       | Feb 12 1981  |
|                     | US 4426451      | Jan 17 1984   | ColumbUS R     | 436   | 518      | Jan 28 1981  |
|                     | US 4595479      | Jun 17 1986   | Kimura Y       | 204   | 294      | Oct 19 1983  |
|                     | US 4619754      | Oct 28 1986   | Niki K         | 204   | 290      | Mar 8 1983   |
|                     | US 4794926      | 01/1989       | Munsch, et al. | 606   | 183      |              |
|                     | US 4814142      | Mar 21 1989   | Gleisner, J    | 422   | 56       | May 22 1987  |
|                     | US 4820399      | Apr 11 1989   | Senda M        | 204   | 403      | Aug 28 1985  |
|                     | US 4824639      | Apr 25 1989   | Hildenbrand, K | 422   | 56       | Feb 3 1988   |
|                     | US 4830959      | May 16 1989   | McNeill C      | 435   | 53       | Nov 11 1985  |
|                     | US 4836904      | Jun 6 1989    | Armstron F     | 204   | 294      | Mar 28 1985  |
|                     | US 4857274      | Aug 15 1989   | Simon, JP      | 422   | 72       | Jun 22 1987  |
|                     | US 4882013      | Nov 21 1989   | Turner APF     | 204   | 1        | Feb 27 1986  |
|                     | US 4897173      | Jan 30 1990   | Nankai, Shiro  | 204   | 403      | Jun 19 1996  |
|                     | US 4900424      | Feb 13 1990   | Birch, B       | 204   | 409      | Nov 30 1987  |
|                     | US 4911794      | March 27 1990 | Parce, J       | 204   | 1 T      | June 18 1987 |
|                     | US 4945045      | Jul 31 1990   | Forrest G      | 435   | 25       | May 13 1985  |
|                     | US 4948727      | Aug 14 1990   | Cass AE        | 435   | 18       | Oct 12 1984  |
|                     | US 4952515      | Aug 28 1990   | Gleisner, J    | 436   | 169      | Feb 10 1989  |
|                     | US 4966671      | Oct 30 1990   | Nylander, C    | 204   | 153.14   | Jun 20 1988  |
|                     | US 5059789      | Oct 22 1991   | Salcudean, S   | 250   | 206.1    | Oct 22 1990  |
|                     | US 5089112      | Feb 18 1992   | Skotheim T     | 204   | 403      | Mar 20 1989  |
|                     | US 5104619      | Apr 14 1992   | Castro, A      | 422   | 56       | Dec 17 1990  |
|                     | US 5108564      | Apr 28 1992   | Szuminsky, N   | 204   | 153.12   | Mar 15 1998  |
|                     | US 5116759      | May 26 1992   | Klainer, S     | 435   | 288      | Jun 27 1990  |
|                     | US 5120420      | Jun 9 1992    | Nankai, Shiro  | 204   | 403      | Mar 31 1989  |
|                     | US 5122244      | Jun 16 1992   | Hoenes J       | 204   | 153      | Feb 4 1991   |

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| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |

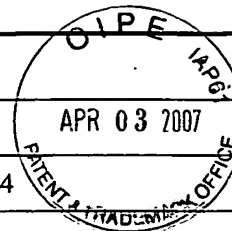


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|                     | US 5126034 | Jan 30 1992   | Carter N       | 204   | 403      | Jul 21 1989   |
|                     | US 5128015 | Jul 7 1992    | Szuminsky, N   | 204   | 403      | Mar 15 1998   |
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|                     | US 5139685 | Aug 18 1992   | Castro, A      | 210   | 767      | Mar 26 1991   |
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|                     | US 5229282 | July 20 1993  | Yoshioka, T    | 435   | 177      | Nov 26 1990   |
|                     | US 5230866 | Jul 27 1993   | Shartle R      | 422   | 103      | Mar 1 1991    |
|                     | US 5264103 | Nov 23 1993   | Yoshioka, T    | 204   | 403      | Oct 15 1992   |
|                     | US 5264105 | Nov 23 1993   | Gregg B        | 204   | 403      | Aug 12 1989   |
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|                     | US 5266179 | Nov 30 1993   | Nankai, Shiro  | 204   | 401      | Jul 19 1991   |
|                     | US 5272087 | Dec 21 1993   | El Murr, N     | 435   | 291      | Apr-89        |
|                     | US 5286362 | Feb 15 1994   | Hoenes J       | 204   | 403      | Feb 4 1991    |
|                     | US 5286364 | Feb 15 1994   | Yacynych, A    | 204   | 418      | March 29 1991 |
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|                     | US 5407818 | Apr 18 1995   | Gentekow, W    | 435   | 180      | Mar 22 1993   |
|                     | US 5409583 | Apr 25 1995   | Yoshioka, T    | 204   | 153.12   | Sep 28 1993   |
|                     | US 5410059 | Apr 25 1995   | Fraser, D      | 546   | 10       | Dec 14 1993   |
|                     | US 5423847 | 06/1995       | Strong, et al. | 606   | 182      |               |
|                     | US 5436161 | Jul 25 1995   | Bergstrom J    | 435   | 291      | May 10 1993   |
|                     | US 5437999 | Aug 1 1995    | Diebold, E     | 435   | 288      | Feb 22 1994   |

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|  | <b>APPLICANT:</b> Freeman                    |  |
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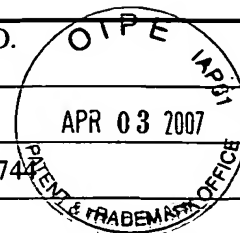
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|                     | US 5510266 | Apr 23 1996   | Bonner et al.  | 436   | 43       | May 5 1995   |
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|                     | US 5525511 | June 11 1996  | D'Costa, E     | 435   | 287.9    | Aug 28 1991  |
|                     | US 5543326 | Aug 6 1993    | Heller A       | 435   | 287.9    | Mar 4 1994   |
|                     | US 5547702 | Aug 20 1996   | Gleisner, J    | 427   | 2.13     | Jul 8 1994   |
|                     | US 5558834 | Sep 24 1996   | Chu, A         | 422   | 55       | May 31 1995  |
|                     | US 5575895 | Nov 19 1996   | Ikeda, S       | 204   | 403      | May 30 1995  |
|                     | US 5582697 | Dec 10 1996   | Ikeda, S       | 204   | 403      | Apr 20 1995  |
|                     | US 5593852 | Jan 14 1997   | Heller A       | 435   | 14       | Dec 2 1993   |
|                     | US 5609749 | Mar 11 1997   | Yamauchi, T    | 205   | 777.5    | Dec 29 1994  |
|                     | US 5609749 | Mar 11 1997   | Yamauchi, T    | 205   | 777.5    | Dec 29 1994  |
|                     | US 5620279 | Apr 15 1997   | Genshaw, M     | 204   | 402      | May 5 1995   |
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|                     | US 5700695 | Dec 23 1997   | Yassinzadeh, Z | 436   | 180      | Jun 30 1994  |
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|                     | US 5720862 | Feb 24 1998   | Hamamoto K     | 204   | 403      | Apr 5 1996   |
|                     | US 5720924 | Feb 24 1998   | Eikmeier, H    | 422   | 102      | Mar 1 1996   |
|                     | US 5723284 | Mar 3 1998    | Ye, L          | 435   | 4        | Apr 1 1996   |
|                     | US 5741634 | Apr 21 1998   | Nozoe, Y       | 435   | 4        | Jun 6 1995   |
|                     | US 5759364 | Jun 2 1998    | Charlton SC    | 204   | 403      | May 2 1997   |

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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br>10/541,124 |
|  | <b>APPLICANT:</b> Freeman                    |                                 |
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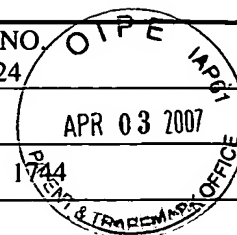


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|                     | US 5770369 | Jun 23 1998  | Meade, T       | 435   | 6        | Dec 10 1993  |
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|                     | US 5795774 | Aug 18 1998  | Matsumoto, T   | 435   | 287.9    | July 10 1997 |
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|                     | US 5840171 | Nov 24 1998  | Birch, B       | 205   | 335      | Dec 21 1993  |
|                     | US 5849174 | Dec 15 1998  | Sanghera GS    | 205   | 775      | Aug 1 1994   |
|                     | US 5866353 | Feb 2 1999   | Berneth H      | 435   | 26       | Dec 9 1996   |
|                     | US 5876957 | Mar 2 1999   | Douglas, J     | 435   | 28       | Jan 8 1998   |
|                     | US 5882494 | Mar 16 1999  | van Antwerp, W | 204   | 403      | Mar 27 1995  |
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|                     | US 5900130 | May 14 1999  | Benvegnu, D    | 204   | 453      | June 18 1997 |
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|                     | US 5997818 | Dec 7 1999   | Hackner, T     | 422   | 681      | Feb 27 1997  |
|                     | US 6020110 | Feb 1 2000   | Williams, S    | 430   | 315      | Jun 23 1995  |
|                     | US 6022324 | 02/2000      | Skinner        | 600   | 566      |              |
|                     | US 6030827 | Feb 29 2000  | Davis G        | 435   | 287      | Jan 23 1998  |
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|                     | US 6090078 | 07/2000      | Erschine       | 604   | 198      |              |

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|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |

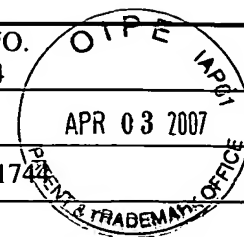


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|                     | US 6177000 | Jan 23 2001 | Peterson, IR       | 205   | 777.5    | Jun 14 1997 |
|                     | US 6190612 | Feb 20 2001 | Berger, J          | 422   | 82.07    | Jan 21 1998 |
|                     | US 6197257 | Mar 6 2001  | Raskas, E          | 422   | 82.05    | Aug 20 1998 |
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|                     | US 6212417 | Apr 3 2001  | Ikeda, S           | 204   | 403.14   | Aug 20 1999 |
|                     | US 6221238 | Apr 24 2001 | Grundig B          | 205   | 777.5    | May 24 1996 |
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|                     | US 6230501 | May 15 2001 | Bailey, R          | 62    | 51.1     | May 3 1999  |
|                     | US 6241862 | June 5 2001 | McAleer,           | 204   | 403      | Jan 12 1999 |
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|                     | US 6258229 | Jul 10 2001 | Winarta, H         | 204   | 403      | Jun 2 1999  |
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|                     | US 6268161 | Jul 31 2001 | Han IS             | 435   | 14       | Oct 23 1997 |
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|                     | US 6299757 | Oct 9 2001  | Feldman, B         | 205   | 775      | Oct 6 1999  |
|                     | US 6306347 | Oct 23 2001 | Mason, R           | 422   | 58       | Jan 21 1998 |
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|                     | US 6312612 | Nov 6 2001  | Sherman, F         | 216   | 2        | Jun 9 1999  |
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|                     | US 6350451 | Feb 26 2002 | Horn, T            | 424   | 184.1    | Jun 25 1999 |
|                     | US 6364889 | 04/2002     | Kheiri et al.      | 606   | 181      |             |
|                     | US 6387709 | May 14 2002 | Mason, R           | 436   | 164      | Aug 29 2001 |
|                     | US 6399394 | Jun 4 2002  | Dahm, S            | 436   | 180      | Jun 30 1999 |
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|                     | US 6413411 | Jul 2 2002  | Pottgen, P         | 205   | 777.5    | Feb 9 1995  |

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|  | <b>APPLICANT:</b> Freeman                    |                                 |
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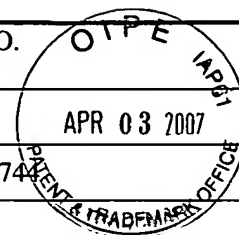


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|                     | US 6471903 | Oct 29 2002   | Sherman, F     | 264   | 328.1    | Sep 19 2001  |
|                     | US 6475436 | Nov 5 2002    | Schabbach, M   | 422   | 64       | Jan 21 2000  |
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|                     | US 6520326 | Feb 18 2003   | McIvor, C      | 206   | 305      | Oct 9 2001   |
|                     | US 6530892 | 03/11/2003    | Kelly          | 600   | 583      |              |
|                     | US 6530892 | 03/2003       | Kelly          | 600   | 583      |              |
|                     | US 6533949 | Mar 18 2003   | Yeshurun, Y    | 216   | 11       | Oct 2 2000   |
|                     | US 6540891 | Apr 1 2003    | Stewart, A     | 204   | 403.14   | May 6 1999   |
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|                     | US 6555061 | Apr 29 2003   | Leong, KW      | 422   | 58       | Oct 5 2000   |
|                     | US 6558528 | May 6 2003    | Matzinger, D   | 205   | 777.5    | Dec 20 2000  |
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|                     | US 6576101 | Jun 10 2003   | Heller, A      | 204   | 403.14   | Oct 6 1999   |
|                     | US 6576416 | Jun 10 2003   | Haviland, A    | 435   | 4        | Jun 19 2001  |
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|                     | US 6599407 | Jul 29 2003   | Taniike, Y     | 204   | 403.1    | Dec 27 2000  |
|                     | US 6599693 | Jul 29 2003   | Webb, P        | 435   | 4        | Jul 31 2000  |
|                     | US 6602678 | Aug 5 2003    | Kwon, S        | 435   | 14       | Dec 17 2001  |
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|                     | US 6645368 | Nov 11 2003   | Beatty, T      | 205   | 792      | Dec 21 1998  |
|                     | US 6652720 | Nov 25 2003   | Mansouri S     | 204   | 403.11   | May 31 2001  |
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|                     | US 6719887 | Apr 13 2004   | Hasegawa, M    | 204   | 403.09   | Dec 5 2001   |
|                     | US 6719923 | April 13 2004 | Stiene, M      | 252   | 511      | Oct 18 2001  |

|          |                 |
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| EXAMINER | DATE CONSIDERED |
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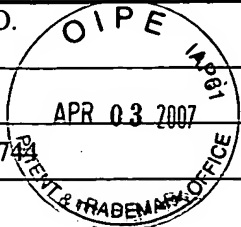
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|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |



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|                     | US 6723371 | Apr 20 2004  | Chih-hui, L    | 472   | 2.13     | May 31 2001  |
|                     | US 6723500 | Apr 20 2004  | Yu, YS         | 435   | 4        | Dec 5 2001   |
|                     | US 6726818 | Apr 27 2004  | Cui et al.     | 204   | 403.01   | Jul 13 2001  |
|                     | US 6740215 | May 25 2004  | Yamamoto, T    | 204   | 403.14   | Nov 16 2000  |
|                     | US 6745750 | Nov 5 2002   | Han IS         | 435   | 14       | May 11 1995  |
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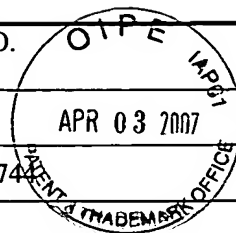
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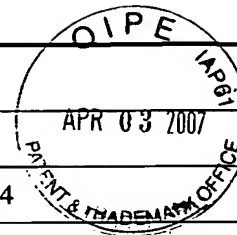
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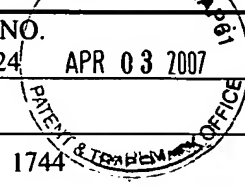
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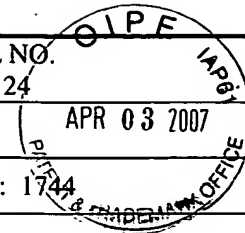
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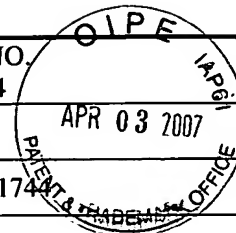


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|  | US 2004/0243165 | Dec 2 2004   | Koike, M         | 606 | 181 | Jul 10 2002  |
|  | US 2004/0249310 | Dec 9 2004   | Shartle, R       | 600 | 583 | Jun 12 2001  |
|  | US 2004/0249311 | Dec 9 2004   | Haar, H-P        | 600 | 584 | Feb 2 2002   |
|  | US 2004/0249405 | Dec 9 2004   | Watanabe, M      | 606 | 181 | Apr 3 2003   |
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|  | US 2004/0254434 | Dec 16 2004  | Goodnow, T       | 600 | 365 | June 10 2003 |
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|  | US 2004/0267105 | Dec 30 2004  | Monfre, S.I.     | 600 | 344 | Apr 13 2004  |
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|  | US 2004/0267229 | Dec 30 2004  | Moerman, P       | 604 | 500 | Aug 16 2002  |
|  | US 2004/0267299 | Dec 30 2004  | Kuriger, R.J.    | 606 | 181 | May 14 2004  |
|  | US 2004/0267300 | Dec 30 2004  | Mace, C-H        | 606 | 182 | Jun 27 2003  |
|  | US 2004/0092995 | May 13, 2004 | Boecker, D       | 606 | 181 | May 2, 2003  |
|  | US 2005/0004494 | Jan 6 2005   | Perez, E         | 600 | 583 | Jan 22 2002  |
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|  | US 2005/0010134 | Jan 13 2005  | Douglas, J       | 600 | 573 | May 16 1997  |
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|  | US 2005/0021066 | Jan 27 2005  | Kuhr, HJ         | 606 | 181 | Aug 29 2002  |
|  | US 3358689      | Dec 19 1967  | Higgins, J       | 128 | 329 | June 9 1964  |
|  | US 3494358      | Feb 10 1970  | Grossenbacher, R | 128 | 218 | Dec 18 1967  |
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|  | US 3742954      | Jul 3 1973   | Strickland, F    | 128 | 302 | Feb 22 1972  |
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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br>10/541,124 |
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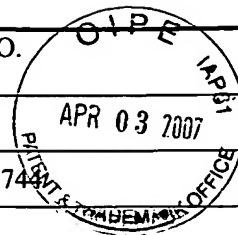


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|  | <b>APPLICANT:</b> Freeman                    |                                 |
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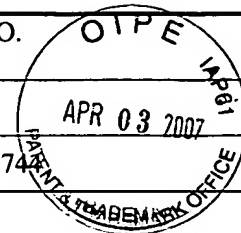


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|  | US 5217480 | Jun 8 1993   | Haber, T      | 606 | 182 | Jun 9 1992  |
|  | US 5231993 | 8/3/1993     | Haber et al.  | 128 | 770 | 11/20/1991  |
|  | US 5250066 | Oct 5 1993   | Lambert, J    | 606 | 181 | Mar 19 1990 |
|  | US 5253656 | Oct 19 1993  | Rincoe, R     | 128 | 782 | May 23 1991 |
|  | US 5256998 | Oct 26 1993  | Becker, K     | 335 | 229 | Oct 26 1992 |
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|  | <b>APPLICANT:</b> Freeman                    |                                 |
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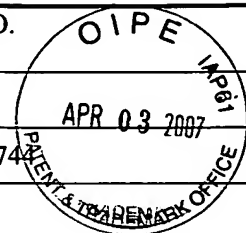
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|  | US 5662127 | Sep 2 1997    | De Vaughn, D  | 128 | 765    | Jan 17 1996  |
|  | US 5662672 | Sep 2 1997    | Pambianchi, M | 606 | 181    | May 23 1996  |
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|  | <b>APPLICANT:</b> Freeman                    |                                 |
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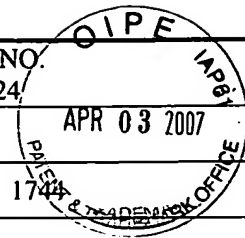


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|  | <b>APPLICANT:</b> Freeman                    |                                 |
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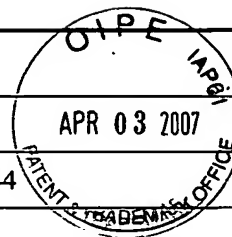


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|  | US 6214804 | Apr 10 2001  | Felgner, P     | 514 | 44     | Jun 7 1995  |
|  | US 6245060 | June 12 2001 | Loomis, N      | 606 | 9      | Dec 27 1999 |
|  | US 6256533 | Jul 3 2001   | Vuzhakov, V    | 604 | 21     | Jun 9 1999  |
|  | US 6283982 | Sep 4 2001   | Levaughn, R    | 606 | 172    | Oct 19 1999 |
|  | US 6285448 | Sep 4 2001   | Kuenstner, J   | 356 | 39     | Nov 5 1997  |
|  | US 6290683 | Sep 18 2001  | Erez, U        | 604 | 273    | Nov 25 1996 |
|  | US 6295506 | Sep 25 2001  | Heinonen, P    | 702 | 104    | Oct 23 1998 |
|  | US 6302855 | Oct 16 2001  | Lav, S         | 600 | 584    | May 17 1999 |
|  | US 6322574 | Nov 27 2001  | Lloyd, W       | 606 | 181    | Nov 1 1999  |
|  | US 6331163 | Dec 18 2001  | Kaplan, S      | 600 | 486    | Jul 16 1999 |
|  | US 6334363 | Jan 1 2002   | Testud, J      | 73  | 862    | Jun 23 1998 |
|  | US 6334856 | Jan 1 2002   | Allen, M       | 604 | 191    | May 21 1999 |
|  | US 6350273 | Feb 26 2002  | Minagawa, H    | 606 | 186    | Mar 10 1999 |
|  | US 6352523 | Mar 5 2002   | Brown, S       | 604 | 207    | Aug 22 2000 |
|  | US 6353753 | Mar 5 2002   | Flock, S       | 600 | 473    | May 5 1999  |
|  | US 6379301 | Apr 30 2002  | WOrthington, D | 600 | 309    | Sep 30 1998 |
|  | US 6379324 | Apr 30 2002  | Gartstein, V   | 604 | 22     | Jun 9 1999  |
|  | US 6421633 | Jul 16 2002  | Heinonen, P    | 703 | 11     | May 21 1998 |
|  | US 6451040 | Sep 17 2002  | Purcell, D     | 606 | 181    | Jul 30 2001 |
|  | US 6484046 | Nov 19 2002  | Say, J         | 600 | 345    | Jul 10 2000 |
|  | US 6489052 | Feb 1 2005   | Uchigaki, T    | 600 | 584    | Dec 13 2000 |
|  | US 6501404 | Dec 31 2002  | Walker, R      | 341 | 143    | Jun 8 2001  |
|  | US 6503231 | Jan 7 2003   | Praunsnitz, M  | 604 | 272    | Jun 10 1998 |
|  | US 6506168 | Jan 14 2003  | Fathallah, M   | 600 | 578    | May 26 2000 |
|  | US 6508795 | Jan 21 2003  | Eppstein, J    | 604 | 113    | Nov 22 2000 |
|  | US 6514270 | Feb 4 2003   | Schrage, S     | 606 | 182    | Nov 10 2000 |
|  | US 6519241 | Feb 11 2003  | Theimer, W     | 370 | 338    | Oct 14 1998 |
|  | US 6527778 | Mar 4 2003   | Athanasίου, K  | 606 | 80     | Jan 9 2001  |
|  | US 6530937 | Mar 11 2003  | Schrage, S     | 606 | 182    | Jan 28 2000 |
|  | US 6537242 | Mar 25 2003  | Palmer, P      | 604 | 22     | Jun 6 2000  |
|  | US 6537292 | Mar 25 2003  | Lee, C         | 606 | 182    | Sep 25 2000 |
|  | US 6540672 | Apr 1 2003   | Simonsen, J    | 600 | 300    | Nov 29 1999 |
|  | US 6540675 | Apr 1 2003   | Aceti, J       | 600 | 309    | Dec 20 2000 |
|  | US 6540762 | Apr 1 2003   | Bertling, W    | 606 | 182    | Jul 7 1999  |
|  | US 6549796 | Apr 15 2003  | Sohrab, B      | 600 | 345    | May 25 2001 |
|  | US 6558361 | May 6 2003   | Yeshurun, Y    | 604 | 272    | Jun 8 2000  |
|  | US 6558402 | May 6 2003   | Chelak, T      | 606 | 182    | Aug 3 1999  |
|  | US 6561989 | May 13 2003  | Whitson, R     | 600 | 573    | Jun 11 2001 |
|  | US 6569157 | May 27 2003  | Shain, E       | 606 | 12     | May 18 1998 |
|  | US 6571651 | Jun 3 2003   | Hodges, A      | 73  | 864.72 | Mar 27 2000 |

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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br>10/541,124 |
|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |

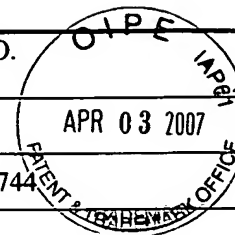


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|  | US 6572566 | Jun 3 2003   | Effenhauser, C    | 600 | 584   | Feb 27 2001  |
|  | US 6574490 | Jun 3 2003   | Abbink, R         | 600 | 316   | Apr 11 2001  |
|  | US 6587705 | Jul 1 2003   | Kim L             | 600 | 347   | Apr 3 1998   |
|  | US 6589260 | Jul 8 2003   | Schmelzeisen-R, G | 606 | 181   | Jul 12 2000  |
|  | US 6589261 | Jul 8 2003   | Abulhaj, R        | 606 | 181   | Aug 19 2002  |
|  | US 6591125 | Jul 8 2003   | Buse, J           | 600 | 347   | Jun 27 2000  |
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|  | US 6602268 | Aug 5 2003   | Kuhr, HJ          | 606 | 181   | Jun 19 2001  |
|  | US 6616616 | Sep 9 2003   | Fritz, M          | 600 | 583   | Sep 26 2001  |
|  | US 6618934 | Sep 16 2003  | Feldman, B        | 29  | 830   | Jun 15 2000  |
|  | US 6620112 | Sep 16 2003  | Klitmose, L       | 600 | 583   | Mar 14 2001  |
|  | US 6623501 | Sep 23 2003  | Heller, A         | 606 | 181   | Apr 5 2001   |
|  | US 6626851 | Sep 30 2003  | Hirao, E          | 600 | 576   | Nov 8 2002   |
|  | US 6641533 | Nov 4 2003   | Causey, J         | 600 | 300   | Aug 23 2001  |
|  | US 6659966 | Dec 9 2003   | Essenpreis, M     | 600 | 583   | Nov 15 2001  |
|  | US 6660018 | Dec 9 2003   | Lum, P            | 606 | 181   | Apr 30 2001  |
|  | US 6671527 | Dec 30 2003  | Peterson, B       | 600 | 316   | Oct 12 2001  |
|  | US 6679841 | Jan 27 2004  | Bojan, P          | 600 | 309   | June 15 2001 |
|  | US 6679852 | Jan 20 2004  | Schmelzeisen-R, G | 600 | 583   | Jun 12 2000  |
|  | US 6706000 | Mar 16 2004  | Perez, E          | 600 | 583   | Jun 16 2001  |
|  | US 6713660 | Mar 30 2004  | Roe, DC           | 604 | 361   | Jun 29 1998  |
|  | US 6723111 | Apr 20 2004  | Abulhaj, R        | 606 | 181   | Apr 9 2003   |
|  | US 6733493 | May 11 2004  | Gruzdev, V        | 606 | 9     | Nov 15 2001  |
|  | US 6736777 | May 18 2004  | Kim L             | 600 | 365   | Apr 3 1998   |
|  | US 6743211 | Jun 1 2004   | PraUSnitz, M      | 604 | 239   | Nov 23 1999  |
|  | US 6751491 | Jun 15 2004  | Lew S             | 600 | 345   | Sep 1 2001   |
|  | US 6752817 | June 22 2004 | Flora, B          | 606 | 181   | Feb 20 2002  |
|  | US 6764496 | July 20 2004 | Schraga, S        | 606 | 182   | July 10 2001 |
|  | US 6783502 | Aug 31 2004  | Orloff, E         | 600 | 583   | Apr 24 2002  |
|  | US 6783537 | Aug 31 2004  | Kuhr, HJ          | 606 | 182   | Sep 3 1999   |
|  | US 6786874 | Sep 7 2004   | Grace JP          | 600 | 573   | Sep 13 2002  |
|  | US 6792791 | Sep 21 2004  | Sato, Y           | 73  | 1.02  | Feb 19 2001  |
|  | US 6793632 | Sep 21 2004  | Sohrab, B         | 600 | 573   | Jun 12 2001  |
|  | US 6793633 | Sep 21 2004  | Douglas, J        | 600 | 583   | Nov 20 2001  |
|  | US 6801041 | Oct 5 2004   | Karinka, SA       | 324 | 444   | May 14 2002  |
|  | US 6801804 | Oct 5 2004   | Miller, DJ        | 604 | 20    | May 3 2002   |
|  | US 6802199 | Oct 12 2004  | Hilgers, ME       | 72  | 370.1 | Oct 12 2004  |
|  | US 6802811 | Oct 12 2004  | Slepian, MJ       | 600 | 309   | Sep 15 2000  |
|  | US 6809807 | Oct 26 2004  | Erickson, B       | 356 | 213   | March 9 1999 |
|  | US 6811557 | Nov 2 204    | Schraga, S        | 606 | 182   | June 7 2001  |

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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br>10/541,124 |
|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>U.S. PATENT DOCUMENTS</b>                                       |  |                                 |



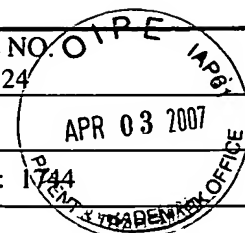
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|  | US 6816742  | Nov 9 2004  | Kim, L        | 600 | 345    | Feb 13 2004 |
|  | US 6823750  | Nov 30 2004 | Hodges, A     | 73  | 864.72 | Apr 4 2003  |
|  | US 6830551  | Dec 14 2004 | Uchigaki, T   | 600 | 584    | Nov 8 2000  |
|  | US 6835184  | Dec 28 2004 | Sage, BH      | 604 | 46     | Sep 24 1999 |
|  | US 6837858  | Jan 4 2005  | Cunningham, D | 600 | 573    | Oct 5 2001  |
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|  | US 6843254  | Jan 18 2005 | Tapper, R     | 128 | 898    | Feb 24 1998 |
|  | US 6847451  | Jan 25 2005 | Pugh, J       | 356 | 436    | May 1 2002  |
|  | US 6850790  | Feb 1 2005  | Berner, B     | 600 | 347    | May 13 1998 |
|  | US D403,975 | Jun 12 1999 | Douglas, J    | D10 | 81     | Jan 17 1997 |
|  | US D411,619 | Jun 29 1999 | Duchon, B     | D24 | 146    | Nov 21 1997 |
|  | US D332490  | Jan 12 1993 | Brown, M      | D24 | 146    | Apr 12 1990 |
|  | US D379516  | May 27 1997 | Rutter, B     | D24 | 146    | Mar 4 1996  |
|  | US D342673  | Dec 21 1993 | Cerola, J     | D24 | 147    | Dec 13 1991 |
|  | US D362719  | Sep 26 1995 | Kaplan, B     | D24 | 147    | Jul 11 1994 |
|  | US D393716  | Apr 21 1998 | Brenneman, A  | D24 | 147    | Mar 24 1997 |
|  | US D393717  | Apr 21 1998 | Brenneman, A  | D24 | 147    | Mar 21 1997 |
|  | US D424696  | May 9 2000  | Ray, C        | D24 | 169    | May 6 1999  |
|  | US D426638  | Jun 13 2000 | Ray, C        | D24 | 169    | May 6 1999  |
|  | US D392,391 | Mar 17 1998 | Douglas, J    | D24 | 225    | Feb 23 1996 |

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|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>FOREIGN PATENT DOCUMENTS</b>                                    |  |                                 |

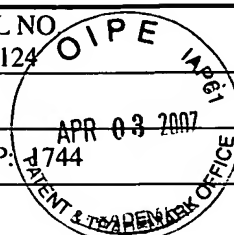


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|                        | DE 10032042 | Jan 24 2002   | Bartetzko, N          | G01N  | 27, 327       |             |    |
|                        | DE 10057832 | Feb 2 2002    | Wurster, T            | A61B  | 145           |             |    |
|                        | DE 10142232 | Mar 3 2003    | Kuhr, HJ              | A61B  | 5 15          |             |    |
|                        | DE 29824204 | Oct 26 2000   | Weickman, H           | G01N  | 33/48         |             |    |
|                        | EP 0136362  | Dec 19 1990   | Kawaguri, M           | G01N  | 27/327        |             |    |
|                        | EP 0170375  | May 16 1990   | Shanks, I             | G01N  | 33, 48        |             |    |
|                        | EP 0289 269 | Nov 2 1988    | Wickham, M            | G01N  | 27, 40        |             |    |
|                        | EP 0320109  | Jun 6 1989    | Wickham, M            | A61B  | 5, 00         |             |    |
|                        | EP 0351891  | Sept 29 1993  | Hill, H               | G01N  | 27, 30        |             |    |
|                        | EP 0359831  | Aug 30 1995   | Nankai, Shiro         | G01N  | 27, 28        |             |    |
|                        | EP 0368474  | Dec 13 1995   | McAleer, J            | C12M  | 1, 40         |             |    |
|                        | EP 0374355  | Jun 2 1993    | Piperato, R           | A61M  | 37,00         |             |    |
|                        | EP 0406304  | Aug 20 1997   | Pottgen, P            | C12Q  | 1, 00         |             |    |
|                        | EP 0415388  | May 3 1995    | Fujimura, H           | G01N  | 27, 327       |             |    |
|                        | EP 0415393  | Dec 10 1997   | Inamoto, T            | G01N  | 27, 38        |             |    |
|                        | EP 0429076  | Jan 31 1996   | Toshihiko, Y          | C12M  | 1/140         |             |    |
|                        | EP 0453283  | Oct 10 1991   | Joseph, J             | A61B  | 5,00          |             |    |
|                        | EP 0461601  | Dec 13 1995   | Ito, T                | C12Q  | 1, 00         |             |    |
|                        | EP 0470649  | June 2 1999   | Birch, B.J            | G01N  | 27, 42        |             |    |
|                        | EP 0471986  | Oct 18 1995   | Nankai, Shiro         | C12M  | 1, 40         |             |    |
|                        | EP 0505475  | Mar 3 1999    | White, B              | G06F  | 19, 00        |             |    |
|                        | EP 0505494  | Jul 12 1995   | Gerber, MT            | C12M  | 1, 40         |             |    |
|                        | EP 0505504  | Mar 3 1997    | Parks, RA             | G01R  | 27, 02        |             |    |
|                        | EP 0537761  | Aug 27 1997   | Toshihiko, Y          | C12M  | 1, 40         |             |    |
|                        | EP 0552223  | Jul 17 1996   | Buch-<br>Rasmussen, T | G01N  | 33/48         |             |    |
|                        | EP 0560336  | May 6 1998    | Toshihiko, Y          | C12M  | 1, 40         |             |    |
|                        | EP 0562370  | Nov 26 1997   | Gentekow, W           | G01N  | 27/327        |             |    |
|                        | EP 0593096  | April 20 1994 | Carter, N             | G01N  | 27/327        |             |    |
|                        | EP 0636879  | Jan 16 2002   | Yamamoto, T           | G01N  | 27, 327       |             |    |
|                        | EP 0685737  | Sept 11 2002  | Ikeda, S              | G01N  | 27/327        |             |    |
|                        | EP 0730037  | Dec 12 2001   | Toshihiko, Y          | C12Q  | 1,26          |             |    |
|                        | EP 0735363  | Oct 2 1996    | Toshihiko, Y          | G01N  | 27, 327       |             |    |
|                        | EP 0736607  | Aug 1 2001    | Katsumi, H            | G01N  | 27/327        |             |    |
|                        | EP 0795601  | Sep 17 1997   | Toshihiko, Y          | C12M  | Jan-40        |             |    |
|                        | EP 0795748  | Aug 14 2002   | Junko, I              | G01N  | 27/327        |             |    |
|                        | EP 0817809  | July 31 2002  | van Antwerp, W        | C08G  | 77/26         |             |    |

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|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
| <b>FOREIGN PATENT DOCUMENTS</b>                                    |  |                                 |

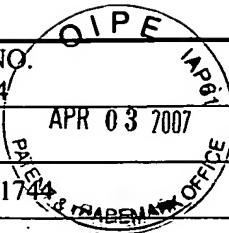


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|                        | EP 0847447  | Nov 10 1999   | Svorc, J      | C12Q   | 1, 00        |             |    |
|                        | EP 0851224  | Mar 27 2002   | Toshihiko, Y  | G01N   | 27/327       |             |    |
|                        | EP 0856586  | May 2 2002    | Miyamoto, Y   | C12Q   | 1, 00        |             |    |
|                        | EP 0872728  | Jul 17 2002   | Yugawa, K     | G01N   | 27, 327      |             |    |
|                        | EP 0878 708 | Nov 18 1998   | Charlton, S   | G01N   | 27/327       |             |    |
|                        | EP 0880692  | Jan 7 2004    | McAleer, J    | G01N   | 27/327       |             |    |
|                        | EP 0894869  | Feb 28 2001   | Miyamoto, Y   | C12Q   | 1, 00        |             |    |
|                        | EP 0901018  | Mar 10 1999   | Ikeda, S      | G01N   | 33/48        |             |    |
|                        | EP 0964059  | Dec 15 1999   | Ikeda, S      | C12Q   | 1, 00        |             |    |
|                        | EP 0969097  | Jan 5 2000    | Yugawa, K     | C12Q   | 1, 00        |             |    |
|                        | EP 1021950  | Jul 26 2000   | Hagdrup, C    | A01K   | 11,00        |             |    |
|                        | EP 1074832  | Feb 7 2001    | Musho, M      | G01N   | 27/327       |             |    |
|                        | EP 1093854  | Apr 25 2001   | Sehr, JP      | B01L   | 3, 00        |             |    |
|                        | EP 1114995  | Jul 11 2001   | Bhullar, R    | G01N   | 33/487       |             |    |
|                        | EP 1246688  | May 12 2004   | Stiene, M     | B01D   | 71/10        |             |    |
|                        | GB 2168815  | Jun 25 1986   | Albery J      | G01N   | 27 30        |             |    |
|                        | WO 00/09184 | Feb 24 2000   | Crocker, P    | A61M   | 520          |             |    |
|                        | WO 00/30186 | May 25 2000   | Anderson, B   | H01L   | 41/09        |             |    |
|                        | WO 00/39914 | July 6 2000   | Cabuz, C      | H02N   | 1            |             |    |
|                        | WO 00/44084 | Jul 27 2000   | Stridsberg, L | H02K   | 37,12        |             |    |
|                        | WO 00/50771 | Aug 31 2000   | Baughman, R   | F03G   | 7, 00        |             |    |
|                        | WO 00/60340 | Oct 12 2000   | Junch         | G01N   | 27, 327      |             |    |
|                        | WO 00/64022 | Oct 26 2000   | Powell, S     | H02H   | 3, 33        |             |    |
|                        | WO 00/67245 | Nov 9 2000    | Braun, A      | G09G   | 500          |             |    |
|                        | WO 00/67268 | Nov 9 2000    | Hill, E       | H01H   | 1, 00        |             |    |
|                        | WO 01/00090 | Jan 4 2001    | Hester, V     | A61B 5 | 15           |             |    |
|                        | WO 01/23885 | Apr 5 2001    | Black MM      | G01N   | 33 487       |             |    |
|                        | WO 01/25775 | April 12 2001 | Bhullar, R    | G01N   | 27/30        |             |    |
|                        | WO 01/26813 | Apr 19 2001   | Weigl, B      | B01L   | 3,00         |             |    |
|                        | WO 01/33216 | May 10 2001   | Liamos, C     | G01N   | 33/487       |             |    |
|                        | WO 01/34029 | May 5 2001    | Ishida, K     | A61B   | 5 15         |             |    |
|                        | WO 01/36955 | May 25 2001   | Nakaminami, T | G01N   | 27/327       |             |    |
|                        | WO 01/40788 | July 7 2001   | Miyazaki, S   | G01N   | 27/327       |             |    |
|                        | WO 01/57510 | Aug 9 2001    | Ohara, T      | G01N   | 27/30        |             |    |
|                        | WO 01/64105 | Sep 7 2001    | Moerman, P    | A16B   | 515          |             |    |
|                        | WO 01/66010 | Sep 13 2001   | Fritz, M      | A61B   | 5, 15        |             |    |
|                        | WO 01/72225 | Oct 4 2001    | Klitmose, L   | A61B   | 5,15         |             |    |
|                        | WO 01/73124 | Oct 4 2001    | Davies, O     | C12Q   | 1, 68        |             |    |

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| EXAMINER | DATE CONSIDERED |
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|  | <b>APPLICANT:</b> Freeman                    |                                 |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |
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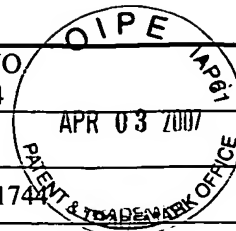


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|                        | WO 01/75433  | Mar 22 2001   | Shartle, R   | G01N    | 33/00         |             |    |
|                        | WO 01/89691  | Nov 29 2001   | Weigl, B.    | B01L    |               |             |    |
|                        | WO 02/00101  | Jan 3 2002    | Gregory, J   | A61B    |               |             |    |
|                        | WO 02/02796  | Jan 10 2002   | Bartetzko, N | C12Q    | 1,00          |             |    |
|                        | WO 02/059734 | Aug 1 2002    | Dao, N       | G06F    | 3, 00         |             |    |
|                        | WO 02/069791 | Sep 12 2002   | Schrepfer, T | A61B    | 5,00          |             |    |
|                        | WO 02/077638 | Oct 3 2002    | Smart, W     | G01N    | 3300          |             |    |
|                        | WO 02/08750  | Jan 31 2002   | Black MM     | G01N    | 33 487        |             |    |
|                        | WO 02/08753  | Jan 31 2002   | Woodhead, A  | G01N    | 33 50         |             |    |
|                        | WO 02/08950  | Jan 31 2002   | Vu, S        | G06F    | 17, 20        |             |    |
|                        | WO 02/100251 | Dec 19 2002   | Alden, D     | A61B    |               |             |    |
|                        | WO 02/100252 | Dec 19 2002   | Alden, D     | A61B    |               |             |    |
|                        | WO 02/100253 | Dec 19 2002   | Drbal, V     | A61B    |               |             |    |
|                        | WO 02/100254 | Dec 19 2002   | Alden, D     | A61B    |               |             |    |
|                        | WO 02/100460 | Dec 19 2002   | Alden, D     | A61M    |               |             |    |
|                        | WO 02/100461 | Dec 19 2002   | Alden, D     | A61M    |               |             |    |
|                        | WO 02/101343 | Dec 19 2002   | Leonard, L   | G01K    |               |             |    |
|                        | WO 02/101359 | Dec 19 2002   | Boecker, D   | G01N    |               |             |    |
|                        | WO 02/18940  | Mar 7 2002    | Maisey GA    | G01N    | 33 50         |             |    |
|                        | WO 02/32559  | April 25 2002 | Stiene, M    | B01D    | 71/10         |             |    |
|                        | WO 02/41779  | May 30 2002   | Wurster, T   | A61B    | 5,15          |             |    |
|                        | WO 02/44948  | Jun 6 2002    | Armstrong, J | G06F    | 17, 30        |             |    |
|                        | WO 03/000321 | Jan 3 2003    | Bull, P      | A61M    | 5 32          |             |    |
|                        | WO 03/023389 | Mar 20 2003   | Allan, S     | G01N    | 27 333        |             |    |
|                        | WO 03/042691 | May 22 2003   | May, S       | G01N    | 33 487        |             |    |
|                        | WO 03/045557 | Jun 5 2003    | Polwart, S   | B01L    | 300           |             |    |
|                        | WO 03/046542 | Jun 5 2003    | Polwart, S   | G01N    | 27447         |             |    |
|                        | WO 03/049609 | Jun 19 2003   | Kloepfer, H  | A61B    | 5,00          |             |    |
|                        | WO 03/050534 | Jun 19 2003   | Black MM     | G01N    | 33 487        |             |    |
|                        | WO 03/066128 | Aug 14 2003   | Gregory, J   | A61m 31 | 0             |             |    |
|                        | WO 03/070099 | Aug 28 2003   | Kennedy, G   | A61B    | 5, 15         |             |    |
|                        | WO 03/071940 | Sept 4 2003   | Kennedy, G   | A61B    | 5, 00         |             |    |
|                        | WO 04/008130 | Jan 22 2004   | Black MM     | G01N    | 27 37         |             |    |
|                        | WO 04/026130 | Apr 1 2004    | Orloff, G    | A61B    | 5 00          |             |    |
|                        | WO 04/041082 | May 21 2004   | Boecker, D   | A61B    | 5, 00         |             |    |
|                        | WO 04/054455 | Jul 1 2004    | Freeman, D   | A61B    | 17, 32        |             |    |
|                        | WO 04/060174 | Jul 22 2004   | Alden, D     | A61B    | 17, 14        |             |    |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

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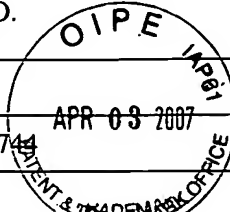
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|--|---------------------------------------|--------------------------|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | ATTY. DOCKET NO.<br><b>38187-2784</b> | SERIAL NO.<br>10/541,124 |
|  | APPLICANT: Freeman                    |                          |
|  | FILING DATE: 03/31/2006               | GROUP: 1744              |
| <b>FOREIGN PATENT DOCUMENTS</b>                                    |                                       |                          |



| EXAMINER'S<br>INITIALS | PATENT NO.    | DATE          | COUNTRY       | CLASS   | SUBCLA<br>SS | Translation |    |
|------------------------|---------------|---------------|---------------|---------|--------------|-------------|----|
|                        |               |               |               |         |              | YES         | NO |
|                        | WO 04/060446  | Jul 22 2004   | Freeman, D    | G01N    | 21, 76       |             |    |
|                        | WO 04/091693  | Oct 28 2004   | Poux, C       | A61m 31 |              |             |    |
|                        | WO 04/107964  | Dec 16 2004   | Briggs, B     | A61B    |              |             |    |
|                        | WO 04/107975  | Dec 16 2004   | Boecker, D    | A61B    | 5, 00        |             |    |
|                        | WO 04/112602  | Dec 29 2004   | Freeman, D    | A61B    | 5, 00        |             |    |
|                        | WO 05/001418  | Jan 6 2005    | Boecker, D    | G01N    |              |             |    |
|                        | WO 1980/01389 | Jul 10 1980   | Yanada, S     | C12Q    | 1, 54        |             |    |
|                        | WO 1985/04089 | Sep 26 1985   | Palmer, G     | A61B    | 5,14         |             |    |
|                        | WO 1986/07632 | Dec 12 1985   | Nankai, Shiro | G01N    | 27 30        |             |    |
|                        | WO 1991/09139 | Jun 27 1991   | Gerber, MT    | C12Q    | 1, 54        |             |    |
|                        | WO 1993/06979 | Apr 15 1993   | Yacowitz, H   | B26F    | 1,24         |             |    |
|                        | WO 1993/25898 | Dec 23 1993   | Forrow, N     | G01N    | 27/327       |             |    |
|                        | WO 1994/27140 | Nov 24 1994   | Black, M      | G01N    | 27/327       |             |    |
|                        | WO 1994/29703 | Dec 22 1994   | White, B      | G01N    | 27, 26       |             |    |
|                        | WO 1994/29704 | Dec 22 1994   | White, B      | G01N    | 27, 26       |             |    |
|                        | WO 1994/29731 | Dec 22 1994   | Kuhn, LS      | G01N    | 33, 86       |             |    |
|                        | WO 1995/00662 | Jan 5 1995    | Bateson, JE   | C12Q    | 1, 26        |             |    |
|                        | WO 1995/10223 | Apr 20 1995   | Erickson, B   | A61B    | 500          |             |    |
|                        | WO 1995/22597 | Aug 24 1995   | Diebold, E    | C12M    | 1, 40        |             |    |
|                        | WO 1996/30431 | Oct 3 1996    | Lowry S       | CO8G    | 77 26        |             |    |
|                        | WO 1997/02359 | Jan 23 1997   | Svorc, J      | G01N    | 27/327       |             |    |
|                        | WO 1997/02487 | Jan 23 1997   | Pritchard, GJ | G01N    | 27, 327      |             |    |
|                        | WO 1997/18464 | May 22 1997   | Hodges, A     | G01N    | 27 403       |             |    |
|                        | WO 1997/30344 | Aug 21 1997   | McAleer, J    | C12Q    | 1, 00        |             |    |
|                        | WO 1997/42882 | Nov 20 1997   | Douglas, J    | A61B    | 17, 14       |             |    |
|                        | WO 1997/45720 | Dec 4 1997    | Willner, I    | G01N    | 27, 327      |             |    |
|                        | WO 1998/03431 | Jan 29 1998   | Willis, JP    | C01G    | 5, 02        |             |    |
|                        | WO 1998/19159 | May 7 1998    | Douglas, J    | G01N    | 33 52        |             |    |
|                        | WO 1998/20332 | May 14 1998   | Vadgama P     | G01N    | 27 327       |             |    |
|                        | WO 1998/20348 | May 14 1998   | Grage, H      | G01N    | 33, 52       |             |    |
|                        | WO 1998/24366 | Jun 11 1998   | Cunningham, D | A61B    | 0            |             |    |
|                        | WO 1998/35225 | Aug 13 1998   | Heller A      | G01N    | 27 327       |             |    |
|                        | WO 1999/03584 | Jan 28 1999   | Moles, D      | B01L    | 3,00         |             |    |
|                        | WO 1999/05966 | Feb 11 1999   | Alton, R      | A61B    | 5 14         |             |    |
|                        | WO 1999/13100 | March 18 1999 | Forrow, N     | C12Q    | 1, 00        |             |    |
|                        | WO 1999/19507 | Apr 22 1999   | Forrow, N     | G01N    | 27 30        |             |    |
|                        | WO 1999/19717 | Apr 22 1999   | Bjornson, T   | G01N    | 25, 22       |             |    |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

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|--|--|---------------------------------|--|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br><b>PTO-1449</b> | <b>ATTY. DOCKET NO.</b><br><b>38187-2784</b> | <b>SERIAL NO.</b><br>10/541,124 |  |
|  | <b>APPLICANT:</b> Freeman                    |                                 |  |
|  | <b>FILING DATE:</b> 03/31/2006               | <b>GROUP:</b> 1744              |  |
| <b>FOREIGN PATENT DOCUMENTS</b>                                    |  |                                 |  |

| EXAMINER'S<br>INITIALS | PATENT NO.    | DATE        | COUNTRY       | CLASS | SUBCLA<br>SS | Translation |    |
|------------------------|---------------|-------------|---------------|-------|--------------|-------------|----|
|                        |               |             |               |       |              | YES         | NO |
|                        | WO 1999/27852 | Jun 10 1999 | Henning, T    | A61B  | 5, 103       |             |    |
|                        | WO 1999/62576 | Dec 9 1999  | Gross, J      | A61M  | 5/168        |             |    |
|                        | WO 1999/64580 | Dec 16 1999 | Praunsnitz, M | C12N  | 15/00        |             |    |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.